

## SAFETY DATA SHEET

### 1. IDENTIFICATION OF THE PRODUCT

**NAME OF THE PRODUCT** GENIO B5 Fine ceramic fuchsia polish 1 L  
**CODE** 1007805

### 2. HAZARDS IDENTIFICATION

#### 2.1. Classification of the substance or mixture

In compliance with Dir. 1999/45/EC: the mixture is not classified dangerous. Components that represent a hazard for health in case of aspiration can be contained in total concentration of > 10%, but the preparation has a kinematic viscosity which is superior to the limit established for the classification of danger.

#### 2.2. Label elements

Label elements applied in compliance with Dir. 1999/45/CE no hazard symbol, no R Phrases, no S Phases.



Contains: no indication.

### 3. COMPOSITION/INFORMATION ON INGREDIENTS

#### 3.1. Substance

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#### 3.2. Mixture

Denomination	CAS N°	Conc. % in weigh	Symbol		R Phrases	Note
	EC Index N°		Hazard class and category	Pictograms and labeling codes	Hazard Statement Code	
	EC N°					
hydrocarbons, C11-C14, n- alkanes, isoalkanes, cyclics, < 2 % aromatic		5 ÷ 15 %	Xn		65-66	<b>P</b>
	926-141-6		Asp. Tox. 1	 Dgr	H304 EUH066	
hydrocarbons, C15-C20, n- alkanes, isoalkanes, cyclics, < 0,03 % aromatic		5 ÷ 10 %	Xn		65	<b>P</b>
	934-956-3		Asp. Tox. 1	 Dgr	H304	

Note P: the substance is not classified as carcinogenic and mutagenic because it contains less than 0,1% of benzene in weight. For the complete text of the R-phrases and hazard indication see point 16.

## **4. FIRST AID MEASURES**

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### **A. By inhalation**

Remove the patient to a well aired place, keep him warm and make him rest. If respiration is irregular or has stopped, give him artificial respiration. In case of loss of consciousness, keep him in a restful position and consult a doctor.

### **B. By skin contact**

Immediately remove contaminated garments. Wash the parts involved very thoroughly with soap and water or with an appropriate detergent. Do not use solvents or thinners.

### **C. By eye contact**

Rinse with plenty of fresh water for at least 15 minutes keeping the eyelids wide open. If necessary, call a specialist.

### **D. By ingestion**

In case of accidental swallowing, immediately ask for medical assistance. Make the patient rest. Do not induce vomit.

## **5. FIREFIGHTING MEASURES**

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### **5.1. Recommended measures**

Extinguish with carbon dioxide, powders, foam and sprayed water. Do not use water jets.

### **5.2. Special hazards arising from the substance or mixture**

Combustion can develop toxic fumes containing carbon monoxide and nitric oxides.

### **5.3. Advice for firefighters**

Cool with sprayed water any closed containers exposed to the fire. Do not breath fumes developed from the fire or wear breathing apparatus. Prevent extinguishing liquids from entering sewer systems or water courses.

## **6. ACCIDENTAL RELEASE MEASURES**

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### **6.1. Personal precautions, protective equipment and emergency procedures**

Do not breathe in vapours, use the personal protective equipment for person/eyes and respiratory tract. Keep away any source of ignition and ventilate the area. Vapours are heavier than air and may form flammable mixtures along the ground: provide adequate ventilation.

### **6.2. Environmental precautions**

Prevent spills from entering manholes and drains.

### **6.3. Methods and material for containment and cleaning up**

In case of accidental spillage, check and absorb any spilled product with sand and inert materials. Put the contaminated material into tight containers and dispose of as waste according to laws in force. Use no-sparkling tools. If the material is to be recovered by aid of aspirators, keep away possible sources of ignition. Do not throw waste material into the sewer system. Clean the area involved with water or detergent liquid. Do not use any solvents.

## 7. HANDLING AND STORAGE

In addition to information given in this section, relevant information can also be found in section 8 and 6.1.

### 7.1. Precautions for safe handling

Ensure an adequate ventilation and/or localised suction systems in work places. The material can accumulate electrostatic charges which may cause sparks (source of ignition). Use appropriate storage procedures and grounding systems. Use only in well-ventilated places.

For personal protection devices as see paragraph 8. Do not smoke, eat or drink in working areas.

### 7.2. Condition for safe storage, including any incompatibilities

Store between 15 and 25°C in a dry and well aired place. Keep containers well closed and away from heat sources, sparks and open flames. Do not smoke. Do not allow access to the storage area to unauthorized persons. Keep away from oxidative agents, peroxides, strong acids. Open the containers slowly to control possible pressure losses. Store in a cool and well-ventilated place. Always use packaging of the same type as the original ones. Definitive storage package, package for decanting and related equipment must be grounded to prevent accumulation of electrostatic charges.

Compatible packaging materials and coatings (chemical compatibility): carbon steel; stainless steel; polyethylene; polypropylene; polyester; PTFE.

Not compatible materials and coatings: natural rubber; butyl rubber; polystyrene.

## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

### 8.1. Control parameters

Component	ACGIH 2012			DIR 2000/39/CE		
	TLV-TWA (1) Ppm mg/m <sup>3</sup>	STEL (2) Ppm mg/m <sup>3</sup>	Note	TLV-TWA (1) Ppm mg/m <sup>3</sup>	STEL (2) Ppm mg/m <sup>3</sup>	Note
None of the components are subject to exposure limits	---	---	---	---	---	---

1) Limit for long exposure

2) Limit for short exposure

(-) value with pending proposal of amendment

### 8.2. Exposure controls

#### A. Protection of the respiratory tract

The workplaces have to be adequately ventilated. Workplaces have to be equipped with localised suction systems. In working places with insufficient ventilation, it is essential to use protection systems for the respiratory tract, such as masks with filter of the type A according to UNI EN 141 regulations. Adopt explosion-proof ventilation systems.

#### B. Eye/face protections

Safety glasses with side shields (frame goggles for example. EN 166).

#### C. Skin protections – hand protection

Wear PVF or nitrile rubber gloves for brief contact (recommendation: at least protective index 2, corresponding to > 30 min. permeation according to EN374).

#### D. Skin protection – Other

Generally, no special precautions are necessary if a continued contact with the product is avoided.

#### E. Hygienic measures

Do not breathe vapours. Avoid contact with skin and eyes. Keep away from food and drinks. Before breaks and at the end of work wash hands. Remove contaminated garments and wash them before use them again. Persons with an inclination to skin affections and other signs of skin hypersensitivity must avoid any contact with the product. Use anti-static working clothes.

Protective creams can be useful to protect the exposed skin areas. However, they should not be applied after contact has occurred.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

### 9.1. Information on Basic physical and chemical properties

Physical state:	Purple/black liquid
Odour:	Pink grapefruit
Olfactory limit:	data not available for the mixture
pH:	n.a.
Melting point:	data not available for the mixture
Flash point:	>100°C [ASTM D-56]
Viscosity:	>1500 mm <sup>2</sup> /s
Evaporation rate:	data not available for the mixture
Flammability limits:	data not available for the mixture
Vapour pressure:	data not available for the mixture
Boiling range:	data not available for the mixture
Vapour density:	data not available for the mixture
Density (a 20°C):	1.02 Kg/L
Solubility in water:	data not available for the mixture
Distribution coefficient: n-octanol / water:	data not available for the mixture
Self-ignition temperature:	data not available for the mixture
Decomposition temperature:	data not available for the mixture
Viscosity:	data not available for the mixture
Explosive properties:	n.a.
Oxidative properties:	see danger identification section

## 10. STABILITY AND REACTIVITY

### 10.1. Chemical stability

The product is stable under the recommended conditions of storage and use (see paragraph 7).

### 10.2. Possibility of hazardous reactions

If exposed to high temperatures may form explosive mixtures vapour/air.

### 10.3. Conditions to avoid

Heat, flames and sparks.

### 10.4. Incompatible materials

Strong alkalis and strong acids, oxidizing agents, isocyanates, anhydrides.

### 10.5. Hazardous decomposition products

None under normal condition of use; If exposed to high temperatures, it can give rise to hazardous decomposition products, such as carbon monoxide.

## 10.6. Reactivity

No data available.

## 11. TOXICOLOGICAL INFORMATION

### 11.1. Information on toxicological effects

Acute toxicity of light petroleum Distillates: LD50 oral rat > 5000 mg/Kg  
LC50 inhaling rat 5.2 mg/L/4h

No specific data is available on the preparation itself.

The exposure to concentrations in air exceeding recommended limits can cause irritation to eyes, respiratory tract, and effects on the central nervous system (narcosis). Frequent and prolonged skin contact may cause dermatitis.

The viscosity of the preparation mitigates the risk of an aspiration into the respiratory tract due to swallowing and vomit. In case of any swallowing of the product, there might result lung damages caused by Petroleum Distillates.

## 12. ECOLOGICAL INFORMATION

### 12.1. Toxicity

No specific data is available on the preparation.

### 12.2. Persistence and degradability

No specific data is available on the preparation; mixture components are partially biodegradable and compatible with biological treatment in waste treatment plants.

### 12.3. Bioaccumulative potential

Not bioaccumulable.

### 12.4. Mobility in soil

No specific data available on the preparation.

## 13. DISPOSAL CONSIDERATIONS

### 13.1. Waste treatment methods

Do not discharge the product or residues of treatment into sewer systems or water courses. Waste has to be disposed of in compliance with D. Lgs. Regulations of 3 April 2006, n. 152 (European Directives 91/156/EEC, 91/689/EEC and 94/62/EC). Waste may be treated in waste water depuration plants or in incineration plants.

### 13.2. Contaminated containers

Empty containers should be taken for recycling, recovery or disposal as waste.

## 14. TRANSPORT INFORMATION

The product is not classified as dangerous for transport purposes.

## 15. REGULATORY INFORMATION

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Safety, health and environmental regulations/legislation specific for the substance or mixture: The components of the mixture are included in Annex I of Dir. 96/82/EC (Seveso).

The preparation itself doesn't fall within the scope of Directives 1999/13/EC and 2004/42/EC (Annex II, B) on limits for the emissions of volatile organic compounds (VOC) in vehicles refinishing products.

## 16. OTHER INFORMATION

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Revision for adaptation to Regulation (EU) n.453/2010, Annex I. Modified points 2-3-8-9-11.  
The full text of the R and S-phrases and of the codes of hazard indications are given under point 2.

R 65: Harmful: may cause lung damage if swallowed.

R 66: Repeated exposure may cause skin dryness or cracking.

H 304: Can be fatal if swallowed and enters airways.

EUH066: Repeated exposure may cause skin dryness or cracking.

### Legislation of reference in Italy:

D.M. 28/4/97 – D.M. 28/02/2006 - Classification and labelling of dangerous substances.

D. Lgs. 14/03/2003 – D.Lgs. 28/07/2004 Classification, packing and labelling of dangerous preparations.

D.M. 7/9/2002 - Safety Data Sheets.

D.P.R. 547/55 - D.P.R. 303/56 - D. Lgs. 81/08 - Industrial prevention, security and hygiene.

D.Lgs. 152/2006 – Environmental code.

Legend: TLV-TWA (Threshold Limit Value-Time Weighted Average), TLV-STEL (Threshold Limit Value-Short Term Exposure Limit).

The statements made here should describe the product with regard to the necessary safety precautions – they are no meant to guarantee definite characteristics – but they are based on our present up-to-date knowledge. No responsibility is taken for any improper use. It is always the user's liability to conform to the regulations of hygiene, safety and environmental protection foreseen by laws in force. The information contained in this safety data sheet is to be understood as a description of the product for safety purposes, it is not to be considered as a guarantee of its properties.